

DERWENT-ACC-NO: 1991-244885

DERWENT-WEEK: 199133

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TITLE: **Electroconducting substrate coating eddy current monitor**
- has first amplitude detector and A=D converter in
series connected between **eddy current** converter and
commutator

INVENTOR: MIKHIN, V M

PATENT-ASSIGNEE: LATTEXORGDORSTROI[LATTR]

PRIORITY-DATA: 1988SU-4641196 (December 5, 1988)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
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| SU 1613847 A | December 15, 1990 | N/A | 000 | N/A |

APPLICATION-DATA:

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| SU 1613847A | N/A | 1988SU-4641196 | December 5, 1988 |

INT-CL (IPC): G01B007/06

ABSTRACTED-PUB-NO: SU 1613847A

BASIC-ABSTRACT:

The output voltage of **eddy current converter (3)** carries information of the condition of the base before application of the coating and the voltage is converted, before being passed to store (9). The voltage from **eddy current converter (2)** carries information of the same section of the base after application of the coating. The obtained information from both **eddy current** converters is processed together, to judge **thickness** of the coating.

USE - Measurement of **thickness** of coatings. Bul. 46/15.12.90 @ (3pp)@

TITLE-TERMS: ELECTROCONDUCTING SUBSTRATE COATING **EDDY CURRENT MONITOR FIRST**
AMPLITUDE DETECT ANALOGUE=DIGITAL CONVERTER SERIES CONNECT EDDY
CURRENT CONVERTER COMMUTATE

DERWENT-CLASS: S02

EPI-CODES: S02-A02C;

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1991-186776

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